



# GIVE

# IT THE GAS

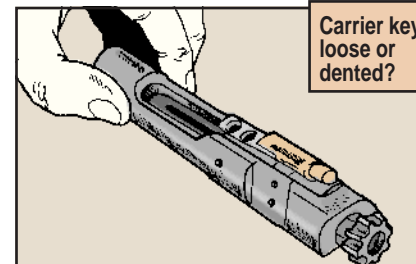
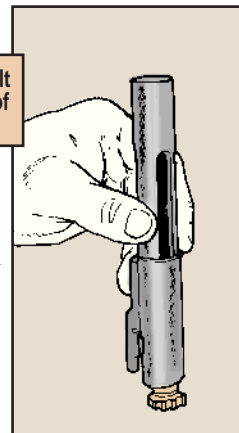
probably need to be replaced. Tell your armorer.

Does bolt fall out of carrier?

Cleaning carbon out of the gas system is also important. If the gas system's plugged, gas can't go where

it's supposed to. Clean the carrier key thoroughly with an old bore brush, CLP (or RBC), and a pipe cleaner. To get out every bit of carbon, work the bore brush all the way back in the key.

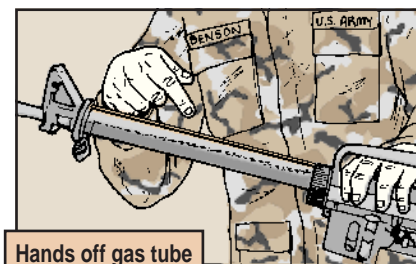
But never use a cotton tip instead of a pipe cleaner. The cotton comes off, mixes with lube and carbon, hardens, and plugs the gas port.



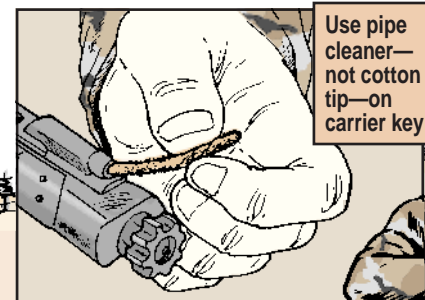
Carrier key loose or dented?

Clean the outside of the receiver end of the gas tube with a bore brush and CLP (or RBC). But do it carefully. If you bend the tube, it won't mate with the carrier key. Then gas can't push the bolt back.

When the handguards are off, keep your hands off the gas tube. It doesn't take much pressure to bend the tube.



Hands off gas tube



Use pipe cleaner—not cotton tip—on carrier key

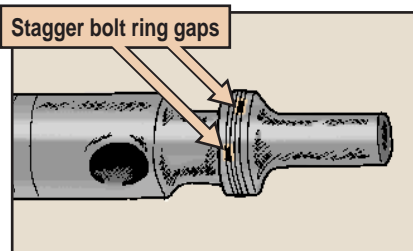
If the carrier key is dented, loose, or worn, it probably needs replacing. Tell your armorer.



Your M16 rifle needs gas to push its bolt back to the lock position after a round is fired. If it doesn't get enough gas, either rounds won't chamber or the rifle will suffer short recoil and your rifle stops firing.

Bad gapping of the bolt's gas rings is often the cause of a gas shortage. If the ring's gaps are lined up, too much gas escapes. The gaps must be staggered. If those on your bolt aren't, stagger them.

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A good test of the condition of the gas rings is to stick the bolt in the bolt carrier. Turn the bolt carrier upside down. If the bolt falls out, the gas rings

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